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Imagery analysis report

**Mobile Cruise Missile (STYX)
Deployed to South China**

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MOBILE CRUISE MISSILES (STYX) DEPLOYED TO SOUTH CHINA

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SUMMARY

1. [] The People's Republic of China (PRC) has deployed the first mobile cruise missile (CM)-STYX-battalion in South China to the Yulin (Yu-lin) area on Hainan Island. Construction of a CM launch site and a cruise missile support facility (CMSF) were also in progress.

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DESCRIPTION

2. [] The CM battalion in garrison at Yulin Army Barracks AL-3 [] is the first mobile STYX unit deployed in the South Sea Fleet area. The battalion was first observed in July 1979 at the army barracks which was previously occupied by an infantry battalion. The CM equipment was set up in a training mode with the unit's other support vehicles and equipment neatly parked around the barracks area. The battalion-sized area consists of six barracks buildings, three vehicle storage buildings, one administration building, one messhall, and six support buildings. No apparent changes to the installation have been made to accommodate the CM battalion.

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3. [] The Yaicheng (Yai-cheng) Coastal Defense Site CM Tactical Short Range [] is being built where a cruise missile (SAMLET) site under construction was identified and targeted in 1967. That site was never completed and no CM deployment occurred. Subsequently, the facility was redesignated an air warning radar facility; however, no radar was ever observed. The new site is a standard design four-position hard-soft* STYX cruise missile site. It is under construction below the crest of a 424-meter hill 21 nautical miles (nm) west of Yulin. The four firing positions are partially surrounded by circular concrete revetments and are arrayed in two pairs facing seaward to the south. The access road connecting the firing positions runs through the revetments on the side next to the hill. A radar pad is sited on the crest of the hill above the firing positions. Concrete shelters for the resupply transporters have been built between each pair of revetments and on the hill crest for the radar truck and its associated van trucks.

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4. [] The Yaixian (Yai-hsien) CMSF [] is under construction 4 nm west of Yulin (Figure 3). The facility will probably support the newly arrived mobile CM battalion since there are two other CMSFs in the Yulin area to satisfy fleet and patrol boat CM requirements. The Yaixian CMSF includes three adits excavated into a hillside; a drive-through, high-bay missile checkout building; a controlled-environment building; three large vehicle/equipment support buildings; and numerous other support buildings. An area consisting of large adits and large buildings is also under construction 100 meters north of the CMSF. A battalion-sized installation adjacent to the facility on the east side probably provides construction support for the CMSF construction and will probably become the barracks/personnel support area for the CM maintenance unit operating the CMSF. An anti-aircraft artillery unit sited on the crest of the hill is a part of the Yulin air defenses.

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IMAGERY ANALYST'S COMMENTS

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*There are three types of cruise missile sites in the PRC: hard (cave/mountain); hard-soft (concrete pads, shelters, and roads); and soft (dirt firing areas and unimproved roads).

REFERENCE

1. DIA [] Defense Intelligence Report, *PRC Cruise Missile Network: Development, Deployment, and Interrelationships*, Sep 78 (TOP SECRET RUFF)

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